Mr Webb. 11 Jan 1929 Po. 150 -

WA/HMM/cm/sal/2/574 £ 3 10 0.

SALE NO. 14,402.

Phone : Gerrard 1824.

Sale to commence at **12.30** *o'clock.*

On FRIDAY, JANUARY 11th, 1929.

A CATALOGUE OF

Scientific Apparatus

Microscopes, by well-known makers,

INCLUDING

An early model Monocular Microscope by H. Powell, Spectroscope by Hilger, Chemical Balance, Stereoscope and Slides, Weston's Testing Sets, "Ica" and other Projectors, Telescopes and Prism Binoculars.

UNDERWOOD, OLIVER and other TYPEWRITERS.

Photographic and Enlarging Apparatus.

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Valuable Astronomical, Electrical, Natural History and other Books, Stamps, and

MISCELLANEOUS PROPERTY,

WHICH WILL BE SOLD BY AUCTION AT

STEVENS'S AUCTION ROOMS LTD.

At their Great Rooms,

38 *King Street, Covent Garden, and* 15/16 *Floral Street, London, W.C.2,*

On FRIDAY, JANUARY 11th, 1929,

At **12.30** *o'clock.*

On view the day prior, from 12.30 till 5.30 o'clock, and Morning of Sale from 9.30 till 11.30, and Catalogues had at the Rooms, 38 King Street, Covent Garden, W.C.2.

Telegraphic Address : "AUKS, RAND, LONDON." **Established 1760.**

RIDDLE, SMITH & DUFFUS, Printers, Regent House, 89 Kingsway, W.C.2; and Forest Hill, S.E.23

JAN 16 1929

CONDITIONS OF SALE.

First.—The highest bidder to be the buyer, and if any dispute arise between two or more bidders the lot in dispute to be put up again and re-sold at the discretion of the auctioneer. The auctioneer's decision to be final. The auctioneer reserves the right to make any alteration in the catalogue.

Second.—No person to advance less than one shilling; above £2, two shillings and sixpence; and so on in proportion as the auctioneer shall decide. The auctioneer may, in his discretion, refuse to accept the bidding of any person.

Third.—In the case of any lot on which there is a reserve the auctioneer shall have the right to bid on behalf of the Vendor.

Fourth.—Each purchaser is at the time of purchase to give in his name and address, and pay a deposit of five shillings in the pound in part payment or the whole of the purchase-money (if required), in default of which the lot purchased may be put up again and re-sold at the discretion of the auctioneer.

Fifth.—The auctioneer is not responsible for the correct description, genuineness, or authenticity of, or for any default or defect in, any lot, and gives no warranty whatever, expressed or implied, and no compensation shall be payable in respect to any such matters.

Sixth.—Each Lot shall be at the purchaser's risk in all respects from the fall of the hammer, and shall be paid for in full, and taken away with all faults and errors of every description, and neither the Vendor nor Stevens's Auction Rooms Ltd., shall be liable for any damage to the same, or loss from whatever cause arising. The Purchaser shall pay a storage charge of 1/- per Lot per day for any lot not taken away within two days after the Sale.

Lastly.—Upon failure to comply with the above conditions, the money deposited shall be forfeited; any lot remaining uncleared may be re-sold by public or private sale, and the deficiency (if any) attending such re-sale, together with all incidental expenses and charges, shall be paid by the defaulter.

NO LOTS WILL BE TRANSFERRED.

The Clerk of the Sale has Authority to refuse Cheques.

Telephone:
GERRARD 1824.

Telegrams:
AUKS, RAND, LONDON.

Stevens's Auction Rooms, Ltd., will not be responsible for any lot left by either Vendor or Buyer for more than two days from the day of Sale. Any lot left after that time will be subject to a charge for warehousing 1/- per lot per day.

NOTICE :—Buyers are requested to read carefully Rules v. and vi.

A CATALOGUE.

Friday, January 11th, 1929,

AT **12.30** O'CLOCK.

ON VIEW :

Thursday, 12.30 p.m. to 5.30 p.m.
Friday, 9.30 a.m. to 11.30 a.m.

*** *Pictures, Autographs, Manuscripts, etc., offered for sale are attributed to the persons named, but no guarantee as to their genuineness is given or implied.*

MISCELLANEOUS.

LOT

1 A hardwood warehouse trolley, on 4 wheels
2 Large brass ship's lantern
3 Slate bed billiard board (cloth A.F.), 8 balls, marking board, 3 cues, and rest
4 Large dog stove, for electric heating
5 Electric vacuum cleaner
6 New Morris radiator muff, and a wheel truer
7 Book of miniatures
8 Two fine books of Japanese figures and flowers
9 A dozen volumes of books

3.10.0 { 15s. 10 Large mahogany office nest of pigeon-holes, with Tambourne shutter
15s. 11 A ditto
12 A writing table
13 Large oil painting—Figure, in massive gilt frame
14 Six pictures (various)
15 Leather attaché case, and 1 other
16 Iron and wood garden seat
17 Gas heating stove
18 A Morris new radiator muff, and garage heating stove
19 Large oil painting—Winter Farm Scene, in gilt frame, signed
20 Large mahogany screen
21 Box containing swords and quantity of books, including Lloyd's Encyclopedia
22 A vacuum cleaner and fittings (Baby Daisy)
23 Rossiter sewing machine, on stand
23A Large oak chest
24 A tricycle with box carrier
24A A treadle sewing machine, on inlaid stand, with 2 drawers under
25 Two pictures, on ebony stand, and quantity of jewellery boxes
26 A pair of water-colour drawings, by R. Renaud
27 A water-colour drawing—Fishing boats, and 1 other
28 A Canadian canoe paddle and sailing boards, 3 lancewood bows, a landing net, and a golf club
29 A toy fort and a large number of soldiers, guns, etc.
30 A No. 7 Meccano set with motor, telegraph set, a crystal wireless set, a number of lantern slides, and a quantity of toys, in 2 boxes
31 A pair water colour drawings, and 1 other
32 Three water-colour drawings
33 A water-colour drawing, by Constable—Horses Crossing a Bridge, and 1 other
34 Three water-colour drawings
35 A water-colour drawing, by Birket Foster, and another, by Stewart Lloyd
35A A sports jacket and pair flannel trousers, pair gentleman's boots and pair ditto shoes

36 A breastplate, 2 lances, 2 masks, 2 spears, 5 swords, and 4 bayonets
36A A black lounge suit
37 A walnut game chest, including a set of draughts and a carved oak folding table
37A A grey plus four suit, and pair of trousers, and a striped suit
38 An oak inkstand with 2 bottles, scent cask with 3 bottles, 5 photo albums, brass-mounted stationery cabinet, and a carved picture frame
38A A Barlock typewriter and cover
39 A large old brass horn, pair horns on shields, and an old engraving
40 A pair ormolu 3-light wall brackets, dagger, in tortoise-shell case, and a small bronze inkstand
41 A copper kettle on stand, and a ditto plate warmer, with 2 lamps
42 A figured oak inkstand, with 2 bottles
43 A bundle of books, and a bundle of pictures
44 A mahogany top table, with 3 drawers
45 A water-colour, by C. F. Robinson, in gilt frame
46 Large engraving, by William Giller—The Beaufort Hunt, in oak frame
47 Two old coloured prints—Copy of Magna Charta, with seals and shields of signatures, and roll of knights and shields at Battle of Hastings
48 Stamps—Stock book, containing good range of Great Britain and Colonials
49 Ditto, foreign, a large and good selection
50 Stamps—Collection of Great Britain and Colonials, in loose leaf album, a valuable lot

FURNITURE.

Another Property, to be Sold without Reserve.

51 An old oak polished chest of 4 drawers
52 Mahogany bow-fronted chest of 5 drawers
53 Two rosewood carved back chairs, and inlaid occasional ditto
54 Cupboard, with Gothic pattern door
55 Mahogany Grandfather clock case
56 Dutch hanging clock, case with painted dial

57 Sheraton writing table, with taper legs and oval mirror
57A Oak coal scuttle
58 A cloisonné vase, 9in. high
58A Table mangle
59 A musical decanter
59A Mahogany dining table, with 2 leaves (extending)
60 Gold wrist watch, with expanding bracelet
61 Gold chain, fine condition, 1oz. 3dwt.
62 Eighteen part cruets (metal)
63 Seventeen metal jugs and teapots, various
64 Metal trays, various
65 Five metal ornaments, and 2 clocks
66 Ten biscuit barrels, various
67 One camera, and oddments

STAMPS, &c.

68 Card box, containing Foreign and Colonial stamps of the American Continent, over 6,000, arranged in envelopes, a useful and desirable lot
69 Fifty mint sets of South Russian, 6 varieties, total 300 stamps (Catalogued 1s. each)
70 Marshall's album of 540 stamps

Another Property.

71 *Fine old Eastern brass temple lamp, 6ft. high*
72 *Trophy of old Indian arms, on oak shield, 11 pieces*
73 Lacquer tea caddy, with original pewter linings
74 Old blunderbus
75 Fine inlaid ivory ebony elephant goad
76 Antique mahogany medicine cabinet, with original glass mortar and pestle, scales, bottles, etc.
77 Old Guinea scales, and 2 others
78 Six 18th century colour prints
79 Six old truncheons
80 Old tinder box, and lead tobacco box
81 Fine plated cocktail shaker, plated sugar bowl, and plated mug
82 Twelve pieces of glassware

TYPEWRITERS, &c.

83 Underwood No. 5 typewriter, in working order
84 Underwood No. 3 ditto
85 Oliver No. 9 ditto
86 Blick typewriter ditto
86A Hammond typewriter, type interchangeable, in good order
87A Arm-chair, in oak, rexine seats
88A A ditto

FISHING TACKLE, &c.

87 A 3-joint sea rod, with cork grip and rubber butt
88 A split cane fly rod, 3-joint, with extra top
89 A bamboo ditto, with extra top (3 joint)
90 A bamboo sea rod (3 joint)
91 Two fishing rods
92 A 7-in. Nottingham reel
93 Two 5-in. ditto
94 Two 4-in. ditto, with lines
95 Three small ditto, with lines
96 A small metal ditto, small book of flies and case, and packet of traces, in waterproof bag
97 A leather book, containing large quantity of salmon flies
98 Two small books of flies, and 2 baskets
99 Two nets and box containing quantity of fishing accessories
100 Two line dryers, leads, floats, etc., in box
101 Set of 4 golf clubs, in caddy
102 Set of 6 ditto
103 Lacquer chest board, and set of boxwood chessmen, in case
104 Lacquer draught board, and set of chessmen, in box, also 2 sets of fox and geese, with balls
105 Double set of dominoes, ivory fronted with brass pins, in box
106 Aldred archery bow and quiver of 14 arrows
107 Three tennis racquets, and 1 badminton, in mahogany press
108 Thirty-nine golf balls
109 Six croquet mallets, arches, pegs and 4 balls, and set of garden quoits

110 Fourteen porcelain balls
111 Parcel of lignum vita bowling balls in leather bag
112 Pair of white canvas shoes, rubber soles
113 Five lignum vita balls, and jack
114 Set of 9 bowls, with jack, in box
114A Four stained glass transparencies
115 Two leather cartridge cases
116 Eight golf clubs, in bag ; a bag, containing 5 golf clubs, six hockey sticks, and an umbrella

PHOTOGRAPHIC APPARATUS, &c.

117 Optica enlarging lantern, with fittings, etc. (electrical), in case
118 A well-made mahogany ½-plate portable bellows body camera, Beck symmetrical lens, shutter, 4 dark slides, and folding stand, in canvas case
119 Magazine hand camera
120 A dark room lantern, 4 printing frames, 5 packets of plates, and washer
121 Stop watch
122 Dallmeyer R.R. lens, 8½in. by 6½in., Lancaster landscape lens, and a ½-plate with Iris diaphragm
123 Metal body enlarging lantern with bellows extension, 4½-in. condenser, 9-in. projection lens and gas jet in case

To be Sold without Reserve.

The Property of a Gentleman.

ELECTRICAL, &c.

124 Pair of mounted coils, by Sykes, in case
125 Weston's testing set, in leather case (new)
126 Lizars arc lamp, condenser, 2 plug switches, and packet of electrical diagrams
127 Ever-ready lamp, Sieman's phone indicator, and 8 reel testing set
128 Electrical motor and resistance
129 The Bambairtite cell battery, complete in case
129A Two 60-volt accumulators, ½-ampere-hour capacity, new and unused

Another Property.

130 Electric kettle, 2-pint, 220 volts
131 A 3-pint ditto, 220 volts
132 Electric boiling ring, 220 volts
133 Ica moving picture projector, standard size (as new)
134 Standard size projector moving picture
135 Lantern slide projector with arc lamp, lantern slide projector, and 2 resistances
136 Two panoramic cameras (Kodak's), and small German camera
137 Quantity of boxes, reels, etc., and lamp-holders
138 A Dr. Percy Hall pattern Tungsten arc, with quartz lens and diaphragm ; it is for use on a constant current of 230–250 volts, with stand and resistance, etc.
139 Three resistances, 1 armature and a coil, and 2 electric fires
140 A Runbaken automatic battery charger for L.T. accumulators, 2, 4 and 6 volts, 200/250 A.C.
141 Fortiphone ear instrument, in case

Another Property.

142 A silver screen
143 A ditto
144 A Shew 5 by 4 camera, 2 slides, film-pack adapter and case, and a 3¼-in. Kodak developing tank
145 A bamboo lantern sheet stand
146 A combination barometer and thermometer, and an aneroid barometer
147 Zeiss epidiascope for the projection of opaque objects and transparencies, large cabinet model, mounted on casters, length 5ft. 6in., width 2ft. 6in., complete with mirrors, a 10-in. plane convex condenser, special rising table, will project objects 8in. by 8in. ; special carriers are also provided for transparencies, 5⅛in. by 7in. to 3¼in. by 3¼in., complete with Zeiss searchlight arc lamp and 30-amp. resistance (cost £125)
148 A 3-in. boat compass
149 Koch's sterilizer (steam)

150 Station pointer, by Troughton & Simms, in case
151 Four carriers for sterilized petri dishes, and 1 bacteriological water carrier
152 A still
153 Swift 1/5-in. objective
154 Hudson 2-in. ditto
155 Un-named 1/8-in. ditto
156 Hudson 1-in. ditto
157 Crouch 1/12-in. O.I. ditto
158 Dissecting microscope, in case, with drawer containing dissecting instruments
159 Box containing 7 various microscope objectives
160 Circular rotating sliding stage for microscope, and other oddments
161 Fittings for optical bench
162 Simple microscope, in case
163 Dent's depledescope
164 Electric relay, under glass case
165 Portable lantern table
166 Well-seasoned polished instrument case
166A Viewing frame for X-ray positives and negatives up to 15in. by 12in.
167A 2 box sextants without cases
167 A pair fine quality, large aperture prismatic binoculars +16 power, in case, by Huet, with sling case
168 G.P.O. stop watch, 15-jewelled movement, split seconds, flyback action, registering to 1/5th second, in good order
169 Powerful pair marine binoculars, in case, by Colmont
170 An artillery barrage watch, best 15-jewelled compensated movement, dust-proof case, black dial, luminous hands and figures, by Elgin, a splendid timekeeper
171 A 3-draw Army signal telescope, +25 power, with caps and sling
172 Pair powerful binoculars, in sling case, by Watson
173 A naval officer's stop watch, in oxidized case, registering to 1/5th second
174 A ditto, +18 power, 1-draw telescope

15.

175 *An exceptionally fine and rare early model monocular microscope, by H. Powell, with all movements to stage, including micrometer, vernier and gauge, 2 objectives with 8 combinations, stage forceps, and condenser, dark wells, stand condenser and brass candle stand for light, slides etc., in mahogany case*, a museum specimen

176 Student's microscope, by C. Zeiss, 2 objectives and nosepiece, in mahogany case

177 Polished wood cabinet, containing 8 drawers, filled with butterflies and moths

178 A plain wooden cabinet

179 Expensive acoustic instrument, complete, in order, but less dry cell

180 Binocular telescope, in leather case

181 Two microscope objectives

182 Carbine pocket camera, in leather case

183 Dallmeyer lens and Aldis ditto

184 Prismatic binoculars and sundries, in leather attaché case

185 A vest-pocket prismatic glasses, 5 ×, by Carl Zeiss, Jena

186 English dial, London made movement, in mahogany case

SCIENTIFIC APPARATUS.

By Order of the Executors.

187 A patent spectroscope, by Adam Hilger, in case, in first-class condition

188 A chemical balance, with weights (new)

189 Sextant, by Adkin, in mahogany case

190 *A first-class monocular microscope, by Swift, with revolving stage with vernier, coarse adjustment and fine adjustment to vernier, 2 objectives 1in. and 1/6th, 2 oculars, A. and C., selinite slide stand, condenser, etc., in mahogany case (new)*

190A The microscope and its revelations, by Carpenter, edited by Dallinger

191A Beck's ultra violet light illuminator, in case

192A Keuffel and Esser slide rule, with curser

193A Tracing pen and Columbus micrometer gauge, also pair of calipers, by Beck

194A A case of needle-point drawing instruments
195A Rosewood case of ditto
196A A small striding level, in pine case
197A An 8-in. concave silvered reflector, in mahogany case
198A Tripod (folding), and 2 cases of sample metal
199A A binocular telescope, by Dolland, in leather case
200A A No. 2 rifle portable telescope, in canvas case
191 Pine cabinet of 5 dozen first-class micro. objects
192 A pine cabinet of 6 dozen ditto
193 Micro. lamp, with condenser, and iron stand, with adjustable clip
194 Prism mounted and pair of stereoscopic instruments, with vernier
195 Spectroscope, by J. Browning, in case
196 Set of diagrams, normal solar spectrum, by Geo. Higgs, in case
197 Pair of terrestrial and celestial globes, mounted
198 Astronomical charts, mounted and unmounted
199 Revolving oak microscopical table
200 Astronomical eyepiece, in case
201 Fine collection of astronomical and other negatives
202 A Swift's lantern slide camera
203 Graphoscope and stereoscope combined, and quantity of slides, in mahogany box
204 Small stereoscope (Claudet's patent), portable ditto, picture viewer, and quantity of slides
205 A graduated pipette, with cock, and parcel of glass tubing

To be Sold without Reserve.

By Order of Executors.

ASTRONOMICAL, ELECTRICAL, ENGINEERING AND OTHER SCIENTIFIC BOOKS.

206 Birds of Great Britain and Ireland, A. G. Butler, illustrated H. Grönvold and F. W. Frohawk, 2 vols., cloth
207 Natural History of British Butterflies, by F. W. Frohawk, 2 vols., cloth

208 The New Book of Gardening, W. Brett, F.R.H.S., 3 vols., cloth
209 Spectroscopy, E. C. C. Baly, 3 vols., cloth
210 Hutchinson's Splendour of the Heavens, 2vols., cloth
211 Trees and Flowers of the Country Side, Hutchinsons, 1 vol., cloth
212 The Midnight Sky, by Edwin Dunkin, F.R.S.; also Atlas of Popular Astronomy, by Thos. Heath
213 Tallis's History and Description of the Crystal Palace, by Beard, Mayall, etc., 1 vol., leather bound, from original drawings and daguerreotypes
214 The Family Physician, Haydn's Dictionary of Dates, by B. Vincent, and 3 others
215 Handbook of Practical Telegraphy; Manual of Telephone, Telegraphy, and 5 others
216 Nines vols. of Railway Electrical Signalling, Electrical Testing, etc.
217 Eleven vols. of ditto
218 Fifteen vols. of ditto
219 Sixteen vols. ditto, including Mathematics for Engineers, by W. H. Rose
220 Alternate Current Transformer, by Fleming; Dynamical Astronomy, Plummer, and 7 other vols.
221 Fifteen vols., various, Electrical Signalling, Testing, Cables, etc.
222 Machinery's Handbook; Manual of Machine Drawing and Design, and 16 other vols.
223 To-day and To-morrow, Hy. Ford; My Life and Work, Hy. Ford, in collaboration with S. Crowther, and 14 other vols. of Electrical Works
224 Mysteries of Sound and Number, Nichols; Celestial Mechanics, Moulton; Sound, Light and Heat, Wright, and 8 other vols.
225 Astronomy, Duncan; Practical and Spherical Astronomy, by Rain; History of Royal Astronomical Society, 1820-1920, and 6 other vols.
226 Essays on Astronomy, by Proctor; Celestial Objects for Telescopes, by Webb, 2 vols., and 6 other vols.

227 Spectrum Analysis, by Roscoe ; The Quantum Theory, by Fritz Reiche ; Science and Life, Soddy, and 3 other vols.
228 Cassell's Natural History, F. Duncan Martin ; Insect Life, C. A. Ealand ; Text Books of Science, Gore, and 5 other vols.
229 Microscopic Fresh Water Life, Plaskitt ; Popular Handbook to the Microscope, Stellar Astronomy, Doig, and 4 others
230 General Astronomy, H. Spencer Jones ; Inorganic Chemistry, H. Watts ; Science, Religion and Reality, and 4 other vols.
231 Story of the Heavens, Sir Robt. Ball ; Atoms and Rays, by Lodge, and 4 others
232 Proceedings of the Optical Invention, Series in Spectra, Prof. A. Fowler ; Astronomy and Cosmogomy, Jeans, and 2 others
233 Compressed Air, Hiscox ; Glances Back, G. R. Sims, and 3 others
234 Letters of Queen Victoria, 2 vols., and The Queen's Xmas Carol
235 Two bundles of Law Books
236 Ditto
237 Ditto
238 Ditto
239 Ditto
240 Ditto
241 Ditto

END OF SALE.

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FRIDAYS. ANTIQUE and MODERN FURNITURE, PAINTINGS, PRINTS, CHINA, SILVER, CURIOS, etc., Fishing Tackle and other Sporting Requisites; Lathes, Microscopes, Telescopes, Cinematographic, Photographic, Radiographic and other Electrical and Scientific Apparatus, etc.

PERIODICAL SALES OF NATURAL HISTORY SPECIMENS, Libraries and Collections appertaining to Entomology, Ornithology, Conchology and kindred Subjects.

On view day prior to and Morning of Sale. Catalogues for any or all Sales on application.

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COLLECTIONS VALUED, DESCRIBED, CATALOGUED and ARRANGED FOR SALE.

SALES BY AUCTION of Household Furniture and Effects conducted in Private Residences in Town or Country.